



RESEARCH AND EDUCATION GRANTS 2018

EDUCATION

Nurse Residency Program (\$125,000). To deliver a training program to support and transition up to 79 newly graduated nurses from the academic setting to the professional role of nursing.

Point of Care Ultrasound (POCUS) Use in NICU (\$63,236). To train NICU physicians, fellows and nurses in use of ultrasound for appropriate positioning of intravascular devices in order to reduce unnecessary exposure to radiation, increase safety and improve time to treatment.



Student Nurse Extern Program (\$43,600). To support a ten-week program that allows baccalaureate nursing students, between their Junior and Senior year, the opportunity to begin the transition from student nurse to licensed professional nurse.

Nursing Education (\$25,000). To support educational programs for nurses and other healthcare professionals, as identified by nursing leadership.

Simulation Ultrasound Education Program for the Center for Perinatal Care (\$17,000). To purchase an ultrasound simulation tool to train sonographers and physicians, as well as the fellows and residents from OB/GYN, Radiology, and Maternal-Fetal Medicine, to operate the ultrasound systems, interpret images, and develop the eye-hand-brain coordination necessary to obtain the fetal anatomy and biometry.

ASTYM for Therapy (\$15,000). To send three therapists to ASTYM certification, an evidence-based treatment technique utilized to reduce pain and restore function by removing scar tissue and regenerating soft tissue structures.

CME on Non-opioid Multidisciplinary Treatments for Chronic Pain (\$12,300). To send physicians from UPH-Meriter Clinics to the American Academy of Pain Medicine's annual meeting on managing chronic pain through interdisciplinary care.

Care Coordination Education Conference (\$10,200). To send seven members of the Care Coordination staff to attend the American Case Management Association (ACMA) or Case Management Society of America (CMSA) conferences.

Team UP (\$9,600). To train student volunteers to provide non-nursing interventions to hospitalized patients.

Ethics Committee Education and Conference (\$9,000). To support fall ethics forum and education on medical ethics.

Meriter Antithrombotic service (MATS) Training (\$8,647). To support training on a systemic approach to anticoagulation management to improve patient safety and reduce the likelihood of harm from adverse drug events.

American Nurses Association Quality and Innovation Conference (\$7,960). To send four nurses to the ANA Quality and Innovation Conference to explore some of the most successful quality strategies from a wide variety of transformational health care organizations.

Lymphedema Certification (\$7,300). To certify five occupational therapists in lymphedema therapy in order to serve additional patients.

Epic User Group Meeting (\$7,280). To send 28 staff to the Epic User Group meetings in order to improve Epic workflows and build optimization.

Multidisciplinary Case Conference (\$7,000). To provide primary care providers with a structured forum for obtaining advice and counsel on treatment recommendations for complex, co-morbid patients taking high doses of opioids for pain relief.

American Occupational Therapy Association National Conference (\$5,300). To send three therapists to the national conference to learn

about current research based evaluation and treatment approaches.

Point of Care Ultrasound CME Course (\$5,000). To train physicians in use of POCUS for procedural ultrasonography, central venous access, thoracentesis, paracentesis, arthrocentesis and lumbar punctures.

Medical Grand Rounds (\$4,500). To support delivery of six grand rounds to medical staff on critical areas of practice in order to improve clinical performance, alignment with organizational goals, and patient outcomes.

American Society of Pain Management Nursing Conference (\$4,100). To send two RNs to the American Society of Pain Management Nursing national conference to support best practices in optimal nursing care for patients affected by pain.

Ethics and Boundaries Training (\$4,050). To offer four-hour ethics and boundaries licensure requirement to 75 social workers and nursing staff in the hospital and clinics.

Palliative Care Education (\$3,815). To send two Palliative Care and Social Work staff to hospice and palliative care national meetings to improve the lives of patients and families who are facing serious, life-threatening conditions.

Suprapubic Catheter Training (\$3,500). To purchase a manikin and deliver training in suprapubic catheterization to nurses from eight departments.

Mechanical Diagnosis and Therapy Training (\$2,600). To send four therapists to Mechanical Diagnosis and Therapy (Part A- Lumbar Spine), a classification system monitoring symptomatic and mechanical

responses, to achieve better outcomes than delivery of non-specific exercise therapies.

General Movement Assessment (\$2,425). To train an additional therapist in Prechtl's Method on the Qualitative Assessment of General Movement for newborns. This training supports earlier diagnosis and treatment of atypical motor development, resulting in improved developmental outcomes for infants.

Advanced Topics in Obstetrics (\$1,910). To purchase MamaBirthie simulator and Internal Fetal Monitor trainer used in normal and complicated labor, birth, and postpartum simulations.



CPT Code Training for Therapy Staff (\$1,550). To offer CPT code training to 60-80 therapists to improve accuracy and compliance with billing for services.

ANDP Nursing Professional Development Certification Preparation (\$800). To send a new Nursing Professional Development Specialist for certification.

RESEARCH

Remote Blood Pressure Management in Postpartum Hypertension (\$77,974). To support phase two of a clinical research program focusing on remote patient monitoring of postpartum women to prevent associated morbidities and readmissions.

Use of NIRS Monitoring to Detect Acute Kidney Injury in Preterm Neonates (\$40,000). To investigate the use of Near Infrared Spectroscopy (NIRS) to detect changes in renal tissue oxygenation in preterm neonates to identify acute kidney injury.

Retinopathy of Prematurity Due to Oxygen Deprivation (\$30,000). To test the hypothesis that oxytocin deprivation in premature babies predisposes them to retinopathy of prematurity (blindness), supporting a long-term study of oxytocin supplementation as a potential therapy targeted at retinal blood vessel development.